NATIONAL LIBRARY OF MEDICINE
NEWS

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NLM Regents Meet

The NLM Board of Regents assembled at the Library on March 24-25, for their thirty-second meeting. A highlight of the first day's session was a preview of the Library's new Genetic Code Exhibit in the NLM lobby. Special guests included Dr. Marshall W. Nirenberg of NIH, winner of the Nobel Prize, whose personal papers and Nobel Prize are featured in the exhibit; Dr. Robert Q. Marston Marston, Director, NIH, and Professor Sune Bergstrom, Chairman of the Nobel Prize Committee for Medicine.

After the first day's session, a dinner attended by the Regents, NLM staff and special guests was held at the Walter Reed Officers Club. Mr. Alfred R. Zipf, Executive Vice-President, Bank of America and member of the National Library of Medicine Board of Regents, spoke on the "Cashless and Checkless Society."

Dr. Stewart Wolf, Chairman of the Board of Regents, presided over the two-day meeting.

Dr. Albert Baird Hastings Honored

Dr. Albert Baird Hastings of the Department of Neurosciences, University of California at San Diego, a member of the Training Review Committee of the National Institute of Child Health and Human Development, was presented with a two-volume, 706 page oral history memoir of himself on April 21st.

The presentation to the distinguished scholar was made by Dr. Peter D. Olch, of the NLM History of Medicine Division.

Dr. Hastings participated in a 39 hour series of tape recorded interviews, December 1967 - May 1968, with Dr. Olch to provide an autobiographical memoir which is to be placed in the Oral History Collection of the NLM to supplement a vast collection of Dr. Hastings' personal papers which will also be deposited with the NLM in the future.

Since its beginning in 1966, the Library's Oral History Program, under the direction of Dr. Olch, has accumulated over 175 hours of oral history materials. The majority of these audio tapes are interviews with individuals who have made significant contributions to the development of contemporary medicine and public health. Among the participants in the program are: Stanhope Bayne-Jones, M.D.; Brigadier General, U.S. Army Reserve Medical Corps (Ret.), Ward Darley, M.D.; Michael M. Davis, Ph.D.; Warfield M. Firor, M.D.; Michael Heidelberger, Ph.D.; U.S. Senator Lister Hill; William S. Middleton, M.D.; Harvey B. Stone, M.D.; and Albert Szent-Gyorgyi, M.D., Ph.D.

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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
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NEWS

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8600 Rockville Pike, Bethesda, Maryland 20014

NLM Financial Management Officer To School

Michael L. Springer, Financial Management Officer, NLM, has been selected to participate in the Educational Program in Systematic Analysis (EPSA) at Stanford University for the 1969-1970 academic year.

The EPSA Fellowship program is administered by the Civil Service Commission in cooperation with the Bureau of the Budget and the National Institute of Public Affairs.

In general, the program includes intensive work in a variety of subjects with application to emerging issues of public policy and management. Typical subject matter includes courses and seminars in microeconomics, quantitative methods, public expenditure theory, and systems analysis. The primary purpose of the EPSA program is to train analysts.

The fellowship provides a full academic year of graduate level study at one of five participating universities. The schools participating in the 1969-1970 program are Harvard, M.I.T., Stanford, University of Maryland, and University of California (Irvine).

Mr. Springer will be in residence at Stanford from mid-August of 1969 to mid-June of 1970, after which he will return to NLM to carry out program analysis assignments in the Library's planning, programming, budgeting activities.

Mr. Springer began his Federal service in 1964 as a management analyst in the Office of the Secretary, DHEW. He joined the NLM administrative management staff in 1966 where he served as a budget analyst and, since October of 1967, as Financial Management Officer. He earned a B.A. in International Affairs at George Washington University in 1964.

Dr. Hastings (Continued from Page 1)

Mrs. Hastings, Dr. John F. Sherman, Deputy Director, NIH, members of the Training Review Committee and a number of Dr. Hastings' former students and colleagues were present at the ceremony. Included were Dr. Christian B. Anfinsen, National Institute of Arthritis and Metabolic Diseases; Dr. Ernest Cotlove, Clinical Pathology Department, Clinical Center; Dr. Herbert Tabor, Laboratory of Biochemical Pharmacology; Dr. Yale J. Topper, Laboratory of Biochemistry and Metabolism, National Institute of Arthritis and Metabolic Diseases; Dr. F. Lee Rodkey and Dr. Jules Sandroy of the Naval Institute of Medical Research.

Dr. Hastings stated that he was "indebted to Dr. Martin Cummings (Director, National Library of Medicine) for the opportunity to record my scientific experiences, my

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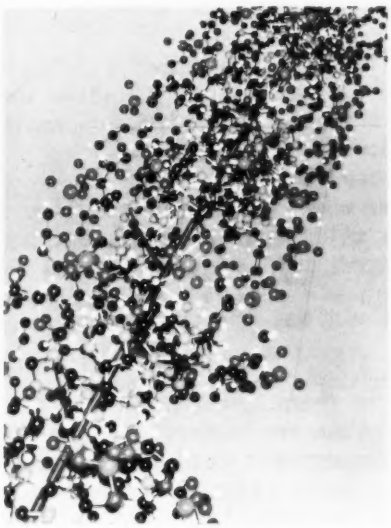
Up, Up, 142 Miles!

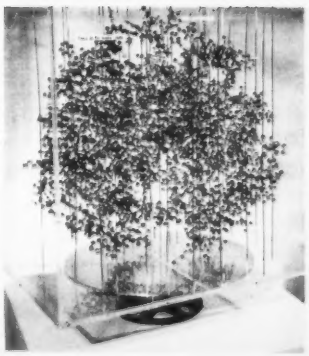
"The Genetic Code...and How it Works," the latest exhibit in the lobby of the National Library of Medicine, is evoking favorable comments fron near and far, from health professionals, scientists and researchers. The exhibit will be open to the public until June 27th. Highlights are pictured here, including photos of Dr. Marshall W. Nirenberg of NIH, the first federal scientist to be awarded the Nobel Prize. He shared the award last year with Dr. H. Gobind Khorana of the University of Wisconsin and Dr. Robert W. Holley of the Salk Institute for Biological Studies in California for their "discoveries concerning the interpretation of the genetic code and its function in protein synthesis."



This double standard helix DNA (deoxyribonucleic acid) model was made especially for the NLM in Cambridge, England and is an idealized piece of DNA deoxyribonucleic acid) which contains information that can be translated into directions for forming a messenger RNA (ribonucleic acid) and specific amino acid sequence in a protein. The molecular weight of this piece of DNA approximates 35,000 whereas the molecular weight of the chromosomal DNA from E. coli is 2,000,000,000 and is actually 10,000,000 angstroms long and 20 angstroms wide. Thus the complete DNA molecule on the scale of this 15 foot high model would be about 142 miles long.

Left to right, Dr. Robert Q. Marston, Director,NIH; Dr. Nirenberg, Dr. Martin M. Cummings, Director of the National Library of Medicine where the exhibit is located, and Dr. G. Burroughs Mider, Special Assistant to Dr. Cummings.

From left to right,(above) Professor Sune Bergstrom, Chairman of the Nobel Committee for Medicine, Dr. Nirenberg and Dr. Marston and the Nobel Prize.



Hemoglobin model (right) constructed by Dr. Makio Murayama for the National Institutes of Health. There are 10,000 atoms in this molecule.

New NLM Literature Search

The latest in NLM's series of computer-produced bibliographies on specialized biomedical subjects is listed below, and is available on request (single copies only) from the Office of Public Information, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014. This bibliography was specially prepared for distribution at the Fifth International Conference on Sarcoidosis to be held in Prague, June 16-21.

L.S. No. 9-69 Sarcoidosis. January 1966-December 1968. (546 citations)

Summer Hours - June 2 - September 2

Reading Room, Monday through Saturday, 8:30 a.m. - 5:00 p.m.
History of Medicine Division, Monday through Saturday, 8:30 a.m. - 4:45 p.m.
The Library is closed on Sundays.

Dr. Hastings (Continued from Page 2)

successes and failures, my intramural and extramural activities, and most importantly, my friendship with people..."

He told the group that he wished to "take this occasion to thank the United States Public Health Service for the many opportunities it has given me to serve it over a span of half a century. As an agency of the American Government dedicated to the health of all our people of all ages, it has no peer.

"In spite of its prodigious post-war growth, it has maintained high standards of performance, a remarkable resistance to untoward bureaucratic forces and a reputation for integrity and conscience that all can applaud. To have it become, through the National Library of Medicine, the custodian of this grateful citizen's memoirs, begets but one thought: 'I have come home.'"

During the presentation by Dr. Olch it was pointed out that Dr. Hastings was selected to participate in the NLM Oral History Program on the basis of his career in biochemistry as related to medicine at several distinguished institutions and in the company of numerous equally outstanding physicians and scientists. Through this autobiographical memoir a better understanding can be gained of this important period in the development of contemporary medicine from a qualitative to a quantitative science.

Bess Furman - Newspaperwoman

Bess Furman Armstrong, 74, a leading Washington newspaperwoman for many years and former Assistant to the Secretary for Public Affairs, DHEW, who died May 12, 1969, was a scholar in residence at the National Library of Medicine from December 1962 until June 1967. During this period, under contract to the Public Health Service, she prepared a history of the Public Health Service which has yet to be published.